CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Name of Work :Construction of Oldage Homes and other Building in JP Park in ward no.17, BBMP, Bangalore

Name of Client	:	: Executive Engineer, Project Division,RR Nagara Zone, Bangalore.
Contractor/Agency	:	**Sri. K R Govindaraju, Contractor, Bangalore..**
Total Cost	:	Rs. 246.19 Lakhs
Date of Inspection	:	10.05.2021
Status of Bill	:	1st and part Bill
In the Presence of	:	(a) **Assistant Engineer (W. No.17),** BBMP, Bangalore.
	:	(b) **Mr. Mohan G,** Engineer M/S Civil Quality Consultants and Engineers,

Sl.No	Description of the Item		Unit	Qty	Comments / observations
1	Earth work excavation for foundation of structures upto 3 mtrs.by mechanical means as per drawing and technical specification, including setting out,	:	**Cum**	484.86	Work done up to the billed quantity and Quality is satisfactory
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,	:	**Cum**	**300.85**	Work done up to the billed quantity and Quality is satisfactory
3	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the	:	**Sqm**	**1105**	Work done up to the billed quantity and Quality is satisfactory
4	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and	:	**Cum**	**597**	Work done up to the billed quantity and Quality is satisfactory

Assistant Executive Engineer (Project)

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Sl.No	Description of the Item		Unit	Qty	Comments / observations
5	Providing and laying in position Plain Cement Concrete of Mix 1:4:8 with OPC cement @ 180kgs, with 40mm & down size graded granite metal coarse	:	Cum	174.1	Work done up to the billed quantity and Quality is satisfactory
6	Providing and laying in position Plain Cement Concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded granite metal coarse	:	Cum	2.1252	Work done up to the billed quantity and Quality is satisfactory
7	Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in	:	Cum	3.6431	Work done up to the billed quantity and Quality is satisfactory
8	Driving cast-in-place vertical R.C.C. 500mm dia. piles with OPC cement design mix M30 @ 360 kgs, CA0.69M3, FA0.46 M3 with 20mm and down size	:	Mtr	1312	Work done up to the billed quantity and Quality is satisfactory
9	Cement Concrete for Reinforced Concrete in Pile Cap per Drawing and Technical Specification complete as per specifications. C. RCC with OPC cement	:	Cum	83.5	Work done up to the billed quantity and Quality is satisfactory
10	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of Ready Mixed Concrete for RCC works laid in 15	:	Cum	117.52	Work done up to the billed quantity and Quality is satisfactory
11	Providing and laying cement concrete using 20 mm and down size granite jelly of Ready mixed concrete (RMC) M-25 for R.C.C works laid in 15 cms thick layers	:	Cum	25.984	Work done up to the billed quantity and Quality is satisfactory
12	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal	:	Sqm	40.74	Work done up to the billed quantity and Quality is satisfactory
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including	:	Sqm	90.144	Work done up to the billed quantity and Quality is satisfactory

B.L.

Assistant Executive Engineer (Project)
Bangalore Mahanagar Palike

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Sl.No	Description of the Item		Unit	Qty	Comments / observations
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Foundations, footings , bases of columns for mass	:	Sqm	329.43	Work done up to the billed quantity and Quality is satisfactory
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides & soffits of Beams, beam haunchings, cantilever	:	Sqm	814.38	Work done up to the billed quantity and Quality is satisfactory
16	Providing and removing centering, shuttering, strutting, propping etc., for Columns, pillars, piers, abutments, post and struts, square / rectangular / polygon	:	Sqm	322.12	Work done up to the billed quantity and Quality is satisfactory
17	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, circular or curved	:	Sqm	24.466	Work done up to the billed quantity and Quality is satisfactory
18	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) Except Spiral	:	Sqm	18.579	Work done up to the billed quantity and Quality is satisfactory
19	Providing and removing centring, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, circular or curved	:	Sqm	11.869	Work done up to the billed quantity and Quality is satisfactory
20	Providing and removing centering, shuttering, strutting, propping etc., for Chajjas, corbels of all shapes & sizes, at all elevations & heights. complete as per	:	Sqm	40.74	Work done up to the billed quantity and Quality is satisfactory
21	Extra For providing throating or Drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification, complete as per the direction of the	:	Mtr	98.2	Work done up to the billed quantity and Quality is satisfactory
22	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding	:	Tonne	22.186	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Unit	Qty	Comments / observations
23	Providing and placing un-coated TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position of	:	Tonne	38.97	Work done up to the billed quantity and Quality is satisfactory
24	Providing and constructing granite/basalt size stone masonry in basement with cement mortar 1:6; edges of stones chistle dressed in courses not less than 15	:	Cum	105	Work done up to the billed quantity and Quality is satisfactory
25	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining,	:	Sqm	69.791	Work done up to the billed quantity and Quality is satisfactory
26	Providing and constructing Burnt Brick Masonry with approved quality of modular bricks of standard size of class designation 5.0 newton per sq mm (table	:	Cum	217	Work done up to the billed quantity and Quality is satisfactory
27	Construction of partition wall 11.2 cms thick with non modular ground moulded burnt bricks of class designation with cement mortar 1:4 including providing	:	Cum	132	Work done up to the billed quantity and Quality is satisfactory
28	Geophysical investigation of site for sinking Bore - well for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical	:	Each	1	Work done up to the billed quantity and Quality is satisfactory
29	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory
30	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory
31	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory

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No	Description of the Item		Unit	Qty	Comments / observations
32	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory
33	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory
34	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m	:	Rmt	50	Work done up to the billed quantity and Quality is satisfactory
35	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and	:	mtr	30	Work done up to the billed quantity and Quality is satisfactory
36	Providing and fixing 175mm dia borewell cap medium class(MR), complete as per the direction of the Engineer in-charge.	:	nos	1	Work done up to the billed quantity and Quality is satisfactory
37	M.S. Casing pipe collars "B" class (MR), complete as per the direction of the Engineer in-charge.	:	nos	5	Work done up to the billed quantity and Quality is satisfactory
38	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dai and having declared duty conditions as detailed	:	nos	1	Work done up to the billed quantity and Quality is satisfactory
39	Supplying and drawing 3 core flat PVC sheathed Submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor	:	Rmt	300	Work done up to the billed quantity and Quality is satisfactory
40	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams,	:	nos	1	Work done up to the billed quantity and Quality is satisfactory

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SL No	Description of the Item		Unit	Qty	Comments / observations
41	Supplying and fixing 50mm GI Union. complete as per the direction of the Engineer in-charge.	:	nos	2	Work done up to the billed quantity and Quality is satisfactory
42	Supplying fully atutomatic star-delta Starter unit push button type with suitable wires, 3 contactosr, one adjustable thermal timer mounted on a common	:	nos	1	Work done up to the billed quantity and Quality is satisfactory

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagara Palike
Rajarajeshwari Nagar Zone

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